

FORM PTO-1595

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**RECORDATION FORM COVER SHEET**

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U.S. DEPARTMENT OF COMMERCE

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Byung-in MA, Byoung-ho CHOI, Chong-sam CHUNG, In-sik PARK and Tae-yong DOH
  
2. Name and Address of receiving party(ies):  
SAMSUNG ELECTRONICS CO., LTD.  
416 Maetan-dong, Paldal-gu, Suwon-City, Kyungki-do  
Republic of Korea
  
3. Nature of conveyance:  

☒ Assignment  
☐ Security Agreement  
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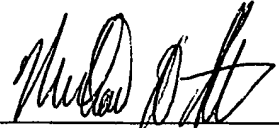
 Execution Date(s): June 12, 2001
  
4. Application number(s) or patent number(s):  
☐ This document is being filed together with a new application:  
 (a) The execution date(s) of the application is/are:  
 (b) The title is:  

\*\*\* OR \*\*\*

☒ This document is being filed after filing of the application:  
 (a) Patent Application No(s). 09/844,697, filed April 30, 2001; or  
 (b) Patent No(s). , issued .
  
5. Name and address of party to whom correspondence concerning document should be mailed:  
 STAAS & HALSEY LLP  
 Attention: Michael D. Stein  
 700 Eleventh Street, N.W., Suite 500  
 Washington, D.C. 20001  

Our Docket: 1293.1204
  
6. Total number of applications and patents involved: 1
  
7. Total fee (37 CFR 3.41)..... (\$ 40.00 per Assignment)  
☒ Enclosed  
☐ Authorized to be charged to deposit account.
  
8. Deposit Account No.: 19-3935 (Any underpayment is authorized to be charged to this Deposit Account)  
(Attach duplicate copy of this page if paying by deposit account)
  
9. Statement and signature.  
*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

Michael D. Stein, Reg. No. 37,240  
 Name of Person Signing

  
 \_\_\_\_\_  
 Signature

7/13/01  
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 Date

Total number of pages including cover sheet:2

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# U.S. ASSIGNMENT

S&H 8:94

IN CONSIDERATION of the sum of One Dollar (\$1.00), and of other good and valuable consideration paid to the undersigned inventor(s) (hereinafter, "ASSIGNOR") by

(Insert Name(s) & Address(es) of ASSIGNEE(S))

SAMSUNG ELECTRONICS CO., LTD.

416 Maetan-dong, Paldal-gu, Suwon-city, Kyungki-do

Republic of Korea

(hereinafter, "ASSIGNEE"), the receipt of which is hereby acknowledged, the undersigned ASSIGNOR hereby sells, assigns and transfers to ASSIGNEE the entire and exclusive right, title and interest to the invention entitled

(Title of Invention)

ERROR SIGNAL DETECTION APPARATUS AND METHOD FOR OPTICAL RECORDING/

REPRODUCING SYSTEM

relating to International Patent Application PCT/JP / and/or for which application for Letters Patent of the United States was executed on even date herewith or, if not so executed, was:

(a) executed on : (Insert date of execution of application, if not concurrent)

(b) filed on 30 April 2001

Serial No. 09,844,697

Any registered attorney of STAAS & HALSEY, 700 Eleventh Street, N.W., Washington, D.C. 20001 (202/434-1500) is hereby authorized to insert in (b) the specified data, when known.

and to said application and all Letters Patent(s) of the United States granted on said application and any continuation, division, renewal, substitute, reissue or reexamination application based thereon, for the full term or terms for which the said Letters Patent(s) may be granted and including any extensions thereof (collectively, hereinafter, "said application(s) and Letters Patent(s)").

The ASSIGNOR agree(s), when requested by said ASSIGNEE and without charge to but at the expense of said ASSIGNEE, to do all acts which the ASSIGNEE may deem necessary, desirable or expedient, for securing, maintaining and enforcing protection for said invention, including in the preparation and prosecution of said application(s) and the issuance of said Letters Patent(s), in any interference, reissue, reexamination, or public use proceeding, and in any litigation or other legal proceeding which may arise or be declared in relation to same, such acts to include but not be limited to executing all papers, including separate assignments and declarations, taking all rightful oaths, providing sworn testimony, and obtaining and producing evidence.

IN WITNESS WHEREOF, the undersigned inventor(s) has (have) affixed his/her/their signature(s).

(Typed Name & Signature of Inventor(s))

(Date)

(Typed Name & Signature of Witness(es))

1) BYUNG-IN MA  
Byung-in Ma

12 June 2001

2) CHOL BYOUNGHO  
Byoung-ho Choi

12 June 2001

3) CHUNG, CHONG SAM  
Chong-sam Chung

12 June 2001

4) In-sik Park  
In-sik Park

12 June 2001

5) Doh, Tae-yong  
Tae-yong Doh

12 June 2001

## COMBINED DECLARATION OF POWER OF ATTORNEY FOR UTILITY/DESIGN PATENT APPLICATION

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated below next to my name.

I believe that I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:

**ERROR SIGNAL DETECTION APPARATUS AND METHOD FOR OPTICAL RECORDING/REPRODUCING SYSTEM**

the specification of which is attached hereto, unless the following box is checked:

☒ was filed on 30 April 2001 as United States Application Number or PCT International Application Number 09/844,697 and was amended on (if applicable).

I hereby state that I have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56.

I hereby claim foreign priority benefit(s) under 35 U.S.C. § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application(s) for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

Prior Foreign Application(s)  
00-22804

Rep. of Korea

28/April/2000

Priority Not Claimed

(Number)

(Country)

Day/Month/Year Filed

☐

(Number)

(Country)

Day/Month/Year Filed

☐

I hereby claim the benefit under 35 U.S.C. § 120 or § 119(e) of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application(s) in the manner provided by the first paragraph of 35 U.S.C. § 112, I acknowledge the duty to disclose information which is material to patentability as defined in 37 CFR § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

(Application Serial No.)

(Filing Date)

(Status -- patented, pending, abandoned)

(Application Serial No.)

(Filing Date)

(Status -- patented, pending, abandoned)

I hereby appoint the attorneys and agents of Staas & Halsey LLP under USPTO Customer No. 21,171 to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:



21171

PATENT TRADEMARK OFFICE

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Byung-in Ma

Full name of sole or first inventor

Inventor's Signature BYUNG-IN MA Date 12 June 2001

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Second Inventor's Signature CHOI BYOUNGHO Date 12 June 2001

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Post Office Address Same as Residence

☐ Additional inventors are being named on separately numbered sheets attached hereto.

## COMBINED DECLARATION/POWER OF ATTORNEY FOR UTILITY/DESIGN PATENT APPLICATION

Chong-sam Chung

Full name of third inventor

Inventor's Signature

Date 12 June 2001

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In-sik Park

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Inventor's Signature

Date 12 June 2001

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Tae-yong Doh

Full name of fifth inventor

Inventor's Signature

Date 12 June 2001

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Same as Residence

Full name of sixth inventor, if any

Inventor's Signature

Date

Residence

Citizenship

Post Office Address

Full name of seventh inventor

Inventor's Signature

Date

Residence

Citizenship

Post Office Address

Full name of eighth inventor, if any

Inventor's Signature

Date

Residence

Citizenship

Post Office Address

Full name of ninth inventor

Inventor's Signature

Date

Residence

Citizenship

Post Office Address